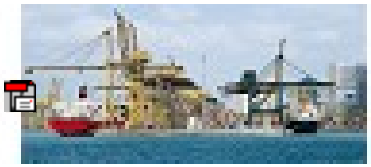
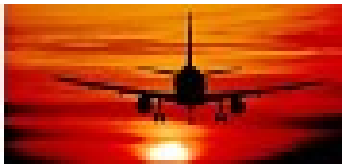
Transportation Security Administration

Maritime and Land Security Directorate

Nicholas P. Lakis

Lead Program Analyst

Maritime Infrastructure

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Strategic Objectives of Homeland Security

- **Prevent Terrorist Acts within the United States**
- **Reduce America's Vulnerability to Terrorism**
- **Minimize the damage and recover from attacks that do occur**

Four Pillars of Combatting Terrorism

Deterrence

Detect/Employ Countermeasures

Maritime Transportation System

Mitigate Effects

Incident Recovery

AntiTerrorism

- Risk Mgt. Measures
- Critical Asset Protection
- Assessments

Intelligence Support

- Maritime Domain Awareness

Counter-Terrorism

- Flexible Threat-Based Response
- Regionalized
- Deployable

Consequence Mgt.

- Implement Recovery Plans
- Coordinate Post Incident Support
- Apply Lessons Learned

Antiterrorism (AT) Definition:

Defensive measures used to reduce the vulnerability of individuals and property to terrorism

What should be the focus of AT Security Technology Efforts?

- **Intelligence (Maritime Domain Awareness)**
- **Target hardening**

Focus of security technologies applied by TSA:

- **Prevention and vulnerability reduction**
  - **Access control for personnel/material**
  - **Assessment tools**

Access control for material ("Bin Laden in a Box") :

- **Cargo Security Systems (Operation Safe Commerce)**
- **Radiation Detection Devices**

Access control for personnel:

- **Transportation Worker Identification Credential (TWIC)**
- **Passenger Security Systems (Synergy Projects)**

Transportation Vulnerability Assessment Management System (TVAMS)

- Technical Support Working Group (Interagency) sponsored project
- Will leverage off USN and DoD vulnerability management success
- Initial effort consists of:
  - vulnerability management program and vulnerability data warehouse that includes all modes of transportation.
  - Integration of selected assessment reports, collection tools and normalize the management of all transportation vulnerabilities.

Transportation Security Administration

M&L Transportation Infrastructure Security

Point of Contact Information

Nick Lakis, *Lead Program Analyst*

Office: (571) 227-2159
Email: nick.lakis@dhs.gov

BACK-UP SLIDES

Scope of M&L Transportation Infrastructure Security

Maritime Infrastructure Security

- Develop and implement programs to ensure the protection of:
  - **Ports (including terminals)**
  - **Ships**
  - **Inland Waterways**
  - **Lock, Dams, & Canals**
  - **Ensuring the compatibility of maritime infrastructure security with**
    - **Passenger Security Systems (Synergy Projects)**
    - **Cargo Security Systems (Operation Safe Commerce)**
    - **Personnel Security Systems (TWIC)**
    - **Radiological Detection Devices (RDD)**
    - **Transportation Vulnerability Assessment Management System (TVAMS)**
- Complete comprehensive risk, threat and vulnerability assessments on maritime infrastructure and assets